

Webinar on Emerging Technologies: Phase Change Materials

August 16, 2017 | 10am-11am PDT

Co-sponsored by:



Members include: Pacific Gas & Electric Company, Southern California Edison, San Diego Gas & Electric, Southern California Gas Company, Sacramento Municipal Utility District, Los Angeles Department of Water & Power, and the California Energy Commission, with oversight by the California Public Utilities Commission.



Agenda

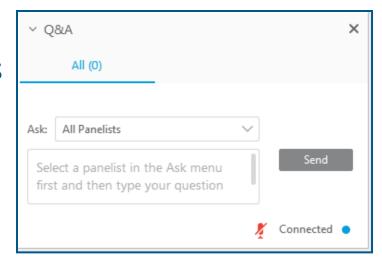
Topic	Time
Background	10:00
Phase Change Material in New Construction Training Center • Martin Vu, RMS Energy Consulting, LLC • Kyle Dunn, MWE2, LLC	10:05
Q&A	10:20
Microencapsulated Phase Change Materials for Energy Efficient Buildings • Laurent Pilon, UCLA	10:30
Q&A	10:45
Closing	10:55



Background

- Purpose
 - ETCC learn more in the bonus session immediately following this webinar

- Format
 - Please type your questions into the Q&A section in WebEx at any time.





Phase Change Material in New Construction Training Center

Martin Vu RMS Energy Consulting

Kyle Dunn, P.E.

Mechanical, Water, and Energy Efficiency (MWE2)



Questions





Microencapsulated Phase Change Materials for Energy Efficient Buildings

Laurent Pilon
University of California, Los Angeles



Questions





Closing

- Presentations and recording of this webinar will be posted: www.energy.ca.gov/research/notices
- Information on our programs:
 - Emerging Technologies Coordinating Council <u>www.etcc-ca.com</u>
 - Energy Commission Research and Development www.energy.ca.gov/research



Closing

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Bonus Session on EPIC and the Emerging Technologies Program

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Agenda

Topic

SDG&E ETP Overview

Kate Zeng, Sempra Energy Utilities

CEC EPIC Overview

Mark Kootstra, California Energy Commission

Q&A



SDG&E ETP Overview



Major Energy Commission Research Programs

Electric Program Investment Charge

Approximately \$120 M/year

Natural Gas RD&D

Approximately \$21 M/year



Energy Innovation Pipeline

APPLIED RESEARCH AND DEVELOPMENT

Focuses on validating new ideas and technologies

TECHNOLOGY DEMONSTRATION AND DEPLOYMENT

Demonstrates strategies at real-world scales

MARKET FACILITATION

Overcomes non-technical hurdles to increase market adoption and expansion of emerging solutions

expansion of emerging solutions



Useful Links

Investment Plans

http://www.energy.ca.gov/research/annual_reports.html

Solicitation Information

- EPIC: http://www.energy.ca.gov/contracts/epic.html
- Natural Gas: http://www.energy.ca.gov/contracts/pier.html

Innovation Showcase

http://innovation.energy.ca.gov/



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Questions

